| Index of Claims |          |            |               |          |                     |          |                 |          |                     |  |                           |                 |                        | Application/Control No. |                |              |            |           |          |        |              |            |           | Applicant(s)/Patent under Reexamination |                 |          |         |          |           |           |  |
|-----------------|----------|------------|---------------|----------|---------------------|----------|-----------------|----------|---------------------|--|---------------------------|-----------------|------------------------|-------------------------|----------------|--------------|------------|-----------|----------|--------|--------------|------------|-----------|---|-----------------|----------|---------|----------|-----------|-----------|--|
|                 |          |            |               |          |                     |          |                 |          |                     |  |                           |                 | 10/651,629<br>Examiner |                         |                |              |            |           |          |        | RYANG ET AL. |            |           |   |                 |          |         |          |           |           |  |
|                 |          |            |               |          |                     |          |                 |          |                     |  |                           |                 |                        |                         |                |              |            |           |          |        |              |            | <i>P</i>  | \rt \                                   | Jnit            | :        |         |          |           |           |  |
|                 |          |            |               |          |                     |          |                 |          |                     |  |                           |                 |                        |                         | Dat            | eter Szekely |            |           |          |        |              |            |           | 1714                                    |                 |          |         |          | ı         |           |  |
|                 |          | _          |               |          |                     |          |                 | _        |                     |  |                           |                 |                        |                         | I ELGI OZENCIY |              |            |           |          |        |              |            |           | 1714                                    |                 |          |         |          |           |           |  |
|                 |          | √ Rejected |               |          |                     |          | [               |          | _ (т                |  | hrough numer<br>Cancelled |                 |                        | al)                     | N              | Non-Elected  |            |           | A        | Appeal |              |            |           |   |                 |          |         |          |           |           |  |
|                 |          | =          | Allowed       |          |                     |          |                 | ÷        | Restricted          |  |                           |                 | d                      |                         |                | ı            | Interferen |           |          | nce    |              | 0          | Objected  |   |                 |          |         |          |           |           |  |
| CL              | aim      |            |               |          | Г                   | ate      | е               | _        |                     | —————————————————————————————————————— | :[                        | Claim           |                        |                         | n              | Date         |            |           |          |        | С            | aim        | T         | Date                                    |                 |          | _       | $\neg$   |           |           |  |
| <u> </u>        | F        | $\vdash$   | Т             | $\neg$   | ΓĬ                  | -        | ĬΤ              |          |                     | $\dashv$                               | $\vdash$                  |                 |                        | П                       | T              | T            | ĬΞ         | П         | П        |        | <u> </u>     |            | $\dagger$ | Γ                                       | П               | Ť        | T       | $\top$   | 1         | $\dashv$  |  |
| Final           | Original | 4/1/05     | ŀ             |          |                     |          |                 |          |                     |  |                           | Final           | Original               |                         |                |              |            |           |          |        | Final        | Original   |           |   |                 |          |         |          |           |           |  |
|                 | 1        | v          |               |          | П                   |          |                 |          |                     |  |                           |                 | 51                     | $\Box$                  | T              | ╈            | r          |           |          | 7      |              | 101        | $\top$    | _                                       | Н               | 十        | 十       | $\top$   | $\top$    | $\dashv$  |  |
|                 | 2        | ٧          |               |          |                     |          |                 |          |                     |  |                           |                 | 52                     |                         |                |              |            |           |          |        |              | 102        |           |   |                 |          |         |          |           |           |  |
|                 | 3        | V          |               | _        | $\sqcup$            |          | Ш               | _        | Ш                   | _                                      | L                         | $\perp$         | 53                     | <u> </u>                | $\perp$        |              |            | Ш         |          | _      |              | 103        |           |   |                 | $\perp$  | $\perp$ |          |           |           |  |
|                 | 4        | ٧          | -             | _        | $\vdash$            |          |                 | 4        | $\sqcup$            |  | $\vdash$                  | -               | 54<br>55               |                         | +              | _            |            |           |          | _      | <u> </u>     | 104        |           | _                                       | $\sqcup$        | 4.       | 4       |          | +         | _         |  |
| $\vdash$        | 5<br>6   | v          |               | -        | $\vdash$            |          | $\vdash$        | -        | H                   |  | $\vdash$                  |                 | 56  <br>56             | $\vdash$                | +              | +            |            | Н         |          | -      | -            | 105<br>106 |           | ┝                                       | $\vdash$        | $\dashv$ | +       |          | ╁╌╏       | $\dashv$  |  |
| -               | 7        | v          | -             | -        | -                   |          | ╁               | ᅱ        | $\vdash$            |  | $\vdash$                  |                 | 57                     |                         | +              | +-           |            | Н         | $\dashv$ |        | $\vdash$     | 107        |           | ┝                                       | $\vdash$        | $\dashv$ | +       | +        | +         | $\dashv$  |  |
|                 | 8        | v          |               | ┪        | $\Box$              |          | H               | _        | H                   | -                                      | -                         |                 | 58                     |                         | $\dashv$       | +            | -          |           |          | -      | $\vdash$     | 108        |           | H                                       | $\Box$          | -        | +       | $\dashv$ | +         | _         |  |
|                 | 9        | ٧          |               |          |                     |          |                 |          |                     |  |                           | $\neg \uparrow$ | 59                     |                         |                |              |            |           |          |        |              | 109        |           |   |                 | $\top$   | Ť       |          | $\Box$    | $\neg$    |  |
|                 | 10       | ٧          |               |          |                     |          |                 |          |                     |  |                           |                 | 60                     |                         |                |              |            |           |          |        |              | 110        |           |   |                 |          |         |          |           |           |  |
| <u></u>         | 11       | ٧          | _             | _        | Щ                   |          | $\sqcup$        | _        | $\square$           | _                                      | L                         |                 | 61                     |                         | $\perp$        | $\perp$      | <u> </u>   |           | $\Box$   | _      | _            | 111        | Щ         | <u> </u>                                |                 | _        |         |          | igsquare  | $\Box$    |  |
| <u> </u>        | 12       | ٧          |               | 4        | $\vdash \downarrow$ |          | $\vdash$        | _        | $\vdash$            | _                                      | $\vdash$                  |                 | 62                     |                         | +              | +            | _          | <b>  </b> | $\sqcup$ | 4      | <u> </u>     | 112        |           | _                                       | $\sqcup$        | _        |         | $\perp$  | $\sqcup$  | _         |  |
| <u> </u>        | 13<br>14 | v<br>v     | $\dashv$      | $\dashv$ | $\vdash \vdash$     |          | - -             | -        | $\vdash$            | -                                      | -                         |                 | 63<br>64               | -                       | +              | +            | <u> </u>   | $\vdash$  | $\dashv$ |        | $\vdash$     | 113<br>114 |           | <u> </u>                                | $\vdash \vdash$ | $\dashv$ | +       | -        | +         | -         |  |
|                 | 15       | V          | $\dashv$      | $\dashv$ | $\vdash$            |          | $\vdash \vdash$ | -        | $\vdash$            |  | $\vdash$                  |                 | 65                     | $\vdash$                | ╌              | +            | -          | $\vdash$  | $\dashv$ | -      | $\vdash$     | 115        |           | -                                       | ├─┼             | $\dashv$ | +       | +        | +         | $\dashv$  |  |
|                 | 16       | V          | $\dashv$      | $\dashv$ | $\forall$           | -        | - -             | ᅥ        | $\vdash$            | -                                      | $\vdash$                  |                 | 66                     | $\vdash \vdash$         | +              | +            |            |           | $\vdash$ | -      | $\vdash$     | 116        |           | ┝                                       | $\vdash$        | $\dashv$ | +       | +        | +         | $\dashv$  |  |
|                 | 17       | V          | $\dashv$      | $\dashv$ | $\vdash \uparrow$   |          | $\sqcap$        | $\dashv$ | H                   | $\dashv$                               | $\vdash$                  |                 | 67                     | $\vdash$                | +              |              |            | $\vdash$  | $\vdash$ | -      |              | 117        |           | $\vdash$                                | $\vdash$        | 十        | +       | +        | +         | $\dashv$  |  |
|                 | 18       | v          | J             |          |                     |          |                 |          |                     |  |                           |                 | 68                     |                         |                |              |            |           |          |        |              | 118        |           |   |                 | $\top$   |         |          | $\dagger$ | $\exists$ |  |
|                 | 19       | ٧          |               |          |                     |          |                 |          |                     |  |                           |                 | 69                     |                         | I              |              |            |           |          |        |              | 119        |           |   |                 |          |         |          |           |           |  |
|                 | 20       | ٧          | [             | _[       | Ш                   |          | Ц               | _        |                     | _                                      | L                         |                 | 70                     |                         | $\perp$        | $oxed{\Box}$ |            |           |          | _      |              | 120        |           |   |                 | $\Box$   | $\perp$ |          |           | _]        |  |
| <u></u>         | 21       | <u> </u>   | _             | _        | $\perp$             | 4        | $\sqcup$        | 4        | $\sqcup$            | -                                      | L                         |                 | 71                     | $\perp$                 | 4              | 4            |            | $\square$ | $\dashv$ | _      |              | 121        |           |   | Щ               | 4        | $\perp$ | 4_       | $\sqcup$  | _         |  |
| -               | 22       | ٧          | $\dashv$      | 4        | $\sqcup$            | 4        | $\vdash \vdash$ |          | $\vdash \dashv$     |  | -                         |                 | 72                     | -                       | 4              | -            |            |           | _        |        | <u> </u>     | 122        |           | <u> </u>                                | $\sqcup$        | +        | +       | $\perp$  | $\sqcup$  | _         |  |
|                 | 23<br>24 | 0<br>V     | $\dashv$      | $\dashv$ | $\vdash \vdash$     | $\dashv$ | $\vdash$        | -        | $\vdash \downarrow$ | -                                      | -                         |                 | 73<br>74               |                         | +              | +            |            | $\vdash$  | +        | -      |              | 123        |           | ļ                                       | $\vdash$        | +        | +       | +        | 1-1       |           |  |
|                 | 25       | V          | $\rightarrow$ | -        | -                   | $\dashv$ | ⊢⊦              | 4        | $\vdash$            |  | -                         |                 | 75<br>75               | $\vdash$                | +              | 1            |            | ⊢∤        |          |        | <u> </u>     | 124<br>125 |           |   | $\vdash \vdash$ |          | +       | +-       | +         | _         |  |

26 v

27 v